

Amendment to the Claims:

This listing of claims will replace all prior versions, and listing of claims in the application.

Listing of Claims

1. (Currently Amended) A security system for networks, comprising

(I) a first portable unit (1) comprising: with

a memory (3) for storing a worldwide unambiguous key record (4),

a first transmitter (6) provided for short-range information transmission of the key record (4) in to at least one apparatus (2) of the network, and at least one receiving unit (7) in at least one apparatus of the network;

(II) said at least one apparatus (2) of the network comprising:

a receiving unit (7) comprising:

a) a receiver (9) for receiving the key record (4) from the first portable unit (1) via said short range transmission to allow secure communication with at least one other apparatus of the network; and

b) an evaluation component (11) of the apparatus for storing, processing and/or passing on the key record (4) or a part of the key record to a second component of the at least one apparatus (2).

2. (Currently Amended) A security system as claimed in claim 1, ~~characterized in that~~ wherein the first portable unit (1) further comprises a triggering unit (5) for triggering a short-range transmission of the key record to said at least one apparatus (2) of the network.

3. (Currently Amended) A security system as claimed in claim 1, ~~characterized in that~~ wherein, upon a user's approach to the receiving unit (7), a detector unit in the portable

unit (1) is provided for triggering the short-range information transmission of the key record (4) to said at least one apparatus (2) of the network.

4. (Currently Amended) A security system as claimed in claim 1, ~~characterized in that~~ wherein a key generator (14) is provided in the first unit (1) or in a second unit (13) for generating a sequence of guest key records (17).

5. (Currently Amended) A security system as claimed in claim 2, ~~characterized in that~~ wherein the first portable unit (1) is configured to transmit ~~provided for transmitting a~~ guest key record (17) upon activation of a second triggering unit (15).

6. (Currently Amended) A security system as claimed in claim 1, ~~characterized in that~~ wherein the key record (4) and the guest key record (17) each consist of a bit sequence.

7. (Currently Amended) A security system as claimed in claim 1, ~~characterized in that~~ wherein the portable first unit (1) is a part of an apparatus, particularly a remote control unit.

8. (Currently Amended) A security system as claimed in claim 1, ~~characterized in that~~ wherein the key record (4) is supplied by the first portable unit (1) during or before a network configuration, particularly an automatic network configuration, of an apparatus (2).

9. (Currently Amended) A security system as claimed in claim 6, ~~characterized in that~~ wherein the key record (4) and the guest key record (17) comprise characterizing bits which are provided for distinguishing between key records (4, 17) and other bit sequences and characterize bit sequences as key record (4) or as guest key record (17).

10. (Currently Amended) A security system as claimed in claim 4, ~~characterized in that~~

wherein the apparatus (2) is provided for erasing-the guest key record (17).

11. (Currently Amended) A security system as claimed in claim 4, ~~characterized in that~~
wherein the apparatus (2) is provided for authentication and encryption of useful data to
be transmitted between the apparatuses of the network by means of a key comprised in
the key record (4, 17).

12. (Currently Amended) A security system as claimed in claim 1, ~~characterized in that~~
wherein the apparatus (2) is a powerline communication apparatus.

13. (Original) A powerline communication network, characterized by a security system as
claimed in claim 1.

14. (Currently Amended) A portable unit (1) for installing a shared key in at least one
apparatus (2) of a wireless network;

the portable unit (1) comprising:

a memory (3) for storing a worldwide unambiguous key record (4) which
is provided for short-range information transmission of the key record to the at least one
apparatus (2) of the network;

a transmitter (6) for transmitting the key record to the at least one
apparatus (2) of the network; and

means for triggering a transmission of the key record via the transmitter.

15. (Currently Amended) A wireless network ~~An electric apparatus (2) comprising with~~
a receiving unit (7) comprising;

a receiver (9) for receiving a key record (4) from a portable unit (1)
configured to transmit the key record to the receiver (9) via a short-range transmission;
and

an evaluation component (11) ~~of the apparatus (2)~~ for receiving the key record (4) from the receiver (9), storing, processing and/or passing on the key record or a part of the key record to a second component (10) of the wireless network apparatus (2).